

Application No.: 10/080,560

**Amendments to the Abstract of the Disclosure:**

Please delete the current Abstract of the Disclosure and replace it with the following paragraph.

A method for scrambling/descrambling an analog signal includes receiving an analog signal and converting the signal into an intermediate frequency signal. A Gaussian pseudo-random noise signal is generated and then multiplied with the intermediate frequency signal to scramble/descramble the received analog signal.